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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. UV-70 Cont. 4	APPLN. NO. 10/734,505
INFORMATION DISCLOSURE STATEMENT BY APPLICANTS		APPLICANT Joel G. Hassell, et al.	CONFIRMATION NO. 1004
		FILING DATE December 12, 2003	GROUP 2611

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/OP/	4,706,121 B1	11/10/1987	Young			
	4,847,698	07/11/1989	Freeman			
	4,977,455	12/11/1990	Young			
	5,151,789	09/29/1992	Young			
	5,223,924	06/29/1993	Strubbe			
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	5,479,266	12/26/1995	Young et al.			
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	5,483,278	01/09/1996	Strubbe et al.			
	5,488,409	01/30/1996	Yuen et al.			
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	5,543,852	08/06/1996	Yuen et al.			
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	5,581,614	12/03/1996	Ng et al.			
	5,585,866	12/17/1996	Miller et al.			
	5,589,892	12/31/1996	Knee et al.			
	5,619,274	04/08/1998	Roop et al.			
	5,621,579	04/15/1997	Yuen			
	5,632,007	05/20/1997	Freeman			
	5,652,613	07/29/1997	Lazarus et al.			
	5,659,367	08/19/1997	Yuen			
/OP/	5,684,525	11/04/1997	Klosterman			

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/OP/	5,701,383	12/23/1997	Russo et al.			
	5,724,203	03/03/1998	Kwoh et al.			
	5,527,060	03/10/1998	Young			
	5,758,257	05/26/1998	Herz et al.			
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	5,801,787	09/01/1998	Schein et al.			
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/OP/	6,324,338	11/27/2001	Wood et al.			

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
/OP/	WO 90/00847	01/25/1990	PCT			

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	APPLICANT Joel G. Hassell, et al.	CONFIRMATION NO. 1004
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/OP/	WO 91/00670	01/10/1991	PCT				
	EP 0 424 469 B1	05/02/1991	EP				
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	WO 92/22983	12/23/1992	PCT				
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	WO 97/48228	12/18/1997	PCT				
/OP/	WO 97/48230	12/18/1997	PCT				

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/OP/	WO 97/49237	12/24/1997	PCT				
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	WO 98/01995	01/15/1998	PCT				
	WO 98/06219	02/12/1998	PCT				
	10-042242	02/13/1998	Japan			Abstract only	
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	0 843 468 A3	05/20/1998	EP				
	WO 98/26594	06/18/1998	PCT				
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	10-164487	06/19/1998	Japan			Abstract only	
	WO 98/38831	09/03/1998	PCT				
	WO 98/39893	09/11/1998	PCT				
	WO 98/47279	10/22/1998	PCT				
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	0 874 524 A1	10/28/1998	EP				
↓	WO 98/47283	11/22/1998	PCT				
	0 940 985 A2	09/08/1999	EP				
/OP/	WO 99/60790	11/25/1999	PCT				

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		FILING DATE December 12, 2003	GROUP 2611

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
/OP/	The New York Times, "2 Makers Plan Introductions of Digital VCR" by John Markoff, March 29, 1999

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U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

UV-70 Cont. 4

APPLN. NO.

10/734,505

FIRST SUPPLEMENTAL INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTS

APPLICANT

Joel G. Hassell et al.

CONFIRMATION NO.

1004

FILING DATE

December 12, 2003

GROUP

2611

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/OP/	5,537,141	07/16/1996	Harper et al.	725	116	
/OP/	5,805,763	09/08/1998	Lawler et al.	386	83	

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
/OP/	WO 98/47289	10/22/1998	PCT	7	173	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	

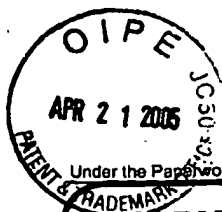
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/734,505
Filing Date	December 12, 2003
First Named Inventor	Joel G. Hassell et al.
Art Unit	2611
Examiner Name	Christopher C. Grant
Attorney Docket Number	UV-70 Cont. 4
Confirmation Number	1004

### U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/OPI/		6,233,389	May 15, 2001	Barton et al.	
/OPI/		5,592,551	January 7, 1997	Lett et al.	

### FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

### NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	/Omar Parra/	Date Considered	01/16/2008
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